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S286 and ( (shape or shaped) with (ga$1n or (gallium adj nitride)))
                                    S281 and ( (shape or shaped) with (ga$1n or (gallium adj nitride)))
                                                                                                    S272 and ((led or light$1emitting or light$1emitter or (light adj (emitting or emitter)) or di US-PGPUB; USPAT
                                                                                                                                   S272 and ((led or light$1emitting or light$1emitter or (light adj (emitting or emitter)) or di US-PGPUB; USPAT
                                                                                                                                                                          S271 and (@ad<"20010719" or @rlad<"20010719")
                                                                                                                                                                                                                                           S269 and ((led or light$1emitting or light$1emitter or (light adj (emitting or emitter)) or di US-PGPUB; USPAT
                                                                                                                                                                                                                                                                              S268 and (@ad<"20010719" or @rlad<"20010719")
                                                                                                                                                                                                                                                                                                                                                                                                                    S262 and ((led or light$1emitting or light$1emitter or (light adj (emitting or emitter)) or di US-PGPUB; USPAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    S251 and ((display).ab.) and (@ad<"20010719" or @rlad<"20010719") and wurtzite
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    S251 and ((led or light$1emitting or light$1emitter or (light adj (emitting or emitter)) or di US-PGPUB; USPAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          S248 and ((led or light$1emitting or light$1emitter or (light adj (emitting or emitter)) or di US-PGPUB; USPAT
                                                                                                                                                                                                            ((electrode or contact or terminal) with wurtzite)
                                                                                                                                                                                                                                                                                                                 ((electrode or contact or terminal) with wurtzite)
                                                                                                                                                                                                                                                                                                                                                                                                                                                          S262 and (@ad<"20010719" or @rlad<"20010719") and wurtzite
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 S256 and (@pd<"20010719")
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                                                                                                                                                                                                                                                                                                                                                                                   (s$1plane or (s adj plane)) and ((led or light$1emitting or light$1emitter or (light adj (emi US-PGPUB; USPAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ((electrode or contact or terminal) with (tilt$1plane or (tilt adj plane)))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             257/$3.cor. and (s$1plane or (s adj plane))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ((electrode or contact or terminal) with (s$1plane or (s adj plane)))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ((electrode or contact or terminal) with (c$1plane or (c adj plane)) ) and ((electrode or co US-PGPUB; USPAT
                                                                                                                                                                                                                                                                                                                                                  ( (hexagon or pyramid or hexagonal or pyramidal or trapezoid or trapezoidal) with (gan cUS-PGPUB; USPAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ("5905275" | "6072197").PN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ((electrode or contact or terminal) with (c$1plane or (c adj plane)) ) and ((electrode or co EPO; JPO; DERWENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ((electrode or contact) with (c$1plane or (c adj plane)) ) and ((electrode or contact) with (EPO; JPO; DERWENT
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 US-PGPUB; USPA1
                                  US-PGPUB; USPAT
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BRS 0	BRS 0	BRS 21	BRS 21	BRS 44	BRS 12	BRS 19	BRS 42	BRS 26	BRS 45	BRS 5	BRS 6	BRS 1	BRS 5	BRS 3	BRS 1	BRS 9	BRS 4	BRS 6	BRS 0	BRS 6	BRS 0	BRS 6	BRS 27	BRS 42	BRS 0	BRS 22	BRS 35	BRS 6	BRS 23
S385 and ( (pyramid or pyramidal or trapezoid or trapezoidal or hexagon or hexagonal) \US-PGPUB; USPAT	S396 and ( (pyramid or pyramidal or trapezoid or trapezoidal or hexagon or hexagonal) \US-PGPUB; USPATT	S395 not S392	S394 and (((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or	S393 and (@ad<"20010719" or @rlad<"20010719")	S391 and (((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or	S390 and (@ad<"20010719" or @rlad<"20010719")	S385 and ( (pyramid or pyramidal or trapezoid or trapezoidal or hexagon or hexagonal) \US-PGPUB; USPAT	S388 and (@ad<"20010719" or @rlad<"20010719")	S385 and ("1101")	S385 and ( (s\$1plane or (s adj plane)) with (electrode or contact))	("6320209" "5727008" "5814839" "5732098" "6252255" "5828088").PN.	S383 and (@ad<"20010719" or @rlad<"20010719")	S382 and ( (s\$1plane or (s adj plane)) with (electrode or contact))	(wurtzite same (multi\$1color or ((multi or multiple) adj color) or multiple\$1color))	(wurtzite with (multi\$1color or ((multi or multiple) adj color) or multiple\$1color))	S375 and (((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or	S372 and (@ad<"20010719" or @rlad<"20010719")	(((s\$1plane or (s adj plane)) with (c\$1plane or (c adj plane))) same (wave\$1length or c	( (s\$1plane or (s adj plane)) same (c\$1plane or (c adj plane)) same (wave\$1length or co EPO; JPO; DERWENT	( (s\$1plane or (s adj plane)) same (c\$1plane or (c adj plane)) same (wave\$1length or c	S367 and (@ad<"20010719" or @rlad<"20010719")	( (s\$1plane or (s adj plane)) with (c\$1plane or (c adj plane)) with (wave\$1length or colo	S365 and (substrate.clm.)	S364 not S361	("1101" with (active) with (miller or plane or indice))	S360 and (((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or	S359 and (@ad<"20010719" or @rlad<"20010719")	S356 and (@ad<"20010719" or @rlad<"20010719")	S349 and (@ad<"20010719" or @rlad<"20010719")
\US-PGPUB; USPAT	NUS-PGPUB; USPAT	US-PGPUB; USPAT	ordUS-PGPUB; USPAT	US-PGPUB; USPAT	ordUS-PGPUB; USPAT	US-PGPUB; USPAT	\US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	or dUS-PGPUB; USPAT	US-PGPUB; USPAT	CO US-PGPUB; USPAT	DERWENT DERWENT	co US-PGPUB; USPAT	US-PGPUB; USPAT	lor) US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	ordUS-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05	4/11/05

BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS
_	_	_	_	19	16	16	12	2	0	0	_	28	12	12	Ŋ	0	0	0	0	0	_	0	18	18	28	9	14	0	12	0
S438 and (((different or differing ) near3 (plane or \$2plane)) with (wave\$1length or color US-PGPUB; USPAT	S438 and (((different or differing ) near3 (wave\$1length or color)) with (plane or \$2plane US-PGPUB; USPAT	S438 and (((different or differing ) near2 (wave\$1length or color)) with (plane or \$2plane US-PGPUB; USPAT	S438 and (((different or differing ) near (wave\$1length or color)) with (plane or \$2plane)) US-PGPUB; USPAT	S442 and (substrate.clm.)	S439 not S437	S438 and (\$2plane near2 (electrode or contact or terminal or metal))	S436 and (\$2plane near2 (electrode or contact or terminal or metal))	S431 and (\$2plane near2 (electrode or contact or terminal or metal))	S431 and (\$2plane near (electrode or contact or terminal or metal))	S431 and ( s\$1plane or (s adj plane))	6051849.PN.	("4985742"   "5192987"   "5296395"   "5389571"   "5393993"   "5438212"   "5523589"	S426 and ( (elo or ((growth or grow or growing or grown) with lateral ) or overgrowth	S426 and ( (elo or ((growth or grow or growing or grown) with lateral ) or overgrowth	S417 and ( "1101")	S417 and ( s\$1plane or (s adj plane))	S417 and ( (elo or ((growth or grow or growing or grown) with lateral ) or overgrowth	S417 and ( ( ((growth or grow or growing or grown) with lateral ) or elo or overgrowth	S417 and ( ( ((growth or grow or growing or grown) with lateral ) or elo ) with (ga\$1n	S417 and ( (wurtzite) with (electrode or contact or terminal) )	S417 and ( (pyramid or pyramidal or trapezoid or trapezoidal or hexagon or hexagon	S417 and ( (pyramid or pyramidal or trapezoid or trapezoidal or hexagon or hexagonal) \US-PGPUB; USPAT	S412 not S406	S411 and (@ad<"20010719" or @rlad<"20010719")	S410 and ( (ga\$1n or al\$1n or nitride or iii\$1v).ab.)	S408 and (substrate.clm.)	S401 and ( (ga\$1n or al\$1n or nitride or iii\$1v).ab.)	S401 and ( ( ((growth or grow or growing or grown) with lateral ) or elo ) with (ga\$1n	S401 and (facet with (wave\$1length or color))	S401 and S385
olor US-PGPUB; USPAT	ane US-PGPUB; USPAT	ane US-PGPUB; USPAT	ne)) US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	USPAT; USOCR	"5 US-PGPUB; USPAT; USOCR	or o US-PGPUB; USPAT	or o US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	or o US-PGPUB; USPAT	or (US-PGPUB; USPAT	or a US-PGPUB; USPAT	US-PGPUB; USPAT	ıal) \US-PGPUB; USPAT	ıal) \US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	or a US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/13/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/12/05	4/11/05	4/11/05	4/11/05	4/12/05	4/11/05	4/11/05

BRS 45 ((wavelength or color) with ((corresponding or each or individual) adj plane))  BRS 39 S473 and (@ad<"20010719" or @rlad<"20010719")  US-PGPUB; USPAT  BRS 25 ((wavelength or color) with (\$\$1plane))  BRS 12 S475 and (@ad<"20010719" or @rlad<"20010719")  US-PGPUB; USPAT  BRS 13 S475 not S476  BRS 40 ((c\$1plane) with (\$\$1plane))  BRS 40 ((c\$1plane) with (\$\$1plane))  BRS 4 S478 and (@ad<"20010719" or @rlad<"20010719")  BRS 3 S480 and ((elo or ((growth or grow or growing or grown) with lateral) or overgrowth or o US-PGPUB; USPAT  BRS 3 S480 and ((elo or ((growth or grow or growing or grown) with lateral) or overgrowth or o US-PGPUB; USPAT  BRS 3 S486 not S484  BRS 0 (("same" adj active adj layer) with (different adj (wave\$1length or color)))  BRS 1 (("same" adj active) with (multiple adj (wave\$1length or color)))  BRS 1 (("same" adj active) with (mo adj (wave\$1length or color)))  BRS 1 (("same" adj active) with (mo adj (wave\$1length or color)))  BRS 1 (("same" adj active) with (mo adj (wave\$1length or color)))  BRS 1 (("same" adj active) with (mo adj (wave\$1length or color)))  BRS 1 (("same" adj active) with (mo adj (wave\$1length or color)))  US-PGPUB; USPAT  US-PGPUB; USPAT
4 7 0 1 2 0 3 4 3 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
7 0 3 4 4 6 7 7 9 7 9 7 9 7 9 7 9 7 9 9 9 9 9 9 9
39 39 40 11 31 31 31 31 31 31 31 31 31 31 31 31
1 2 0 3 4 3 4 4 13 25 5
39 39 12 13 39 40 30 30 30 30 30 30 30 30 30 30 30 30 30
25 12 13 13 13 13
3 4 4 6 3 4 5 3 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
45 39 25 12 13 40
3 4 40 13 13 13 13 13 13 13 13 13 13 13 13 13
45 39 25 12 13 40
45 39 25 12 13
39 25 12
45 39 25 12
39 25
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BRS 6 S467 and (@ad<"20010719" or @rlad<"20010719")
BRS 13 ( (electrode or contact or terminal) with (s\$1plane) )
BRS 10 S465 and (@ad<"20010719" or @rlad<"20010719")
BRS 20 ( (electrode or contact or terminal) with ("1-101" or "(1-101)") )
BRS 0 S453 and ( (electrode or contact or terminal) with ("1-101" or "(1-101)") )
BRS 34 S462 and (@ad<"20010719" or @rlad<"20010719")
BRS 0 S453 and ( (seed or seeding or seeded) with (ga\$1n or (gallium adj nitride)) )
BRS 0 257/76.ccls. and 117/45.ccls.
BRS 0 257/76.ccls. and S453
BRS 1 257/103.ccls. and S453
BRS 0 S453 and ( (buffer or buffering) with (ga\$1n or (gallium adj nitride)) )
BRS 0 S453 and ( (clad or cladding or cladded) with (ga\$1n or (gallium adj nitride)) )
BRS 29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or

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30	ì	3	12	2	_	12	1	0	თ	0	<del>1</del> 8	2	2	Ν	4	9		_	19	=	ω	37	ω	10	7	14	46	21	ω	9	თ
( ((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or diode or la Us		S533 not S529	(("same" adj (active)) with ((varying or vary or varied or different or differ or differing or US-PGPUB; USPAT	(("same" adj (emitter or (light adj (emitting or emitter)) or emitting) ) same ((multi or mult US-PGPUB; USPAT	S530 not S529		(("same" adj (emitter or (light adj (emitting or emitter)) or emitting) ) with ((varying or var Us	(("same" adj (emitter or (light adj (emitting or emitter)) or emitting) adj layer) with ((varyir Us	2000218109 "2000218116" JF	20000218109 "20000218116" JF	(okuyama and doi and oohata and biwa).in.	S521 and ( (elo or ((growth or grow or growing or grown) with lateral ) or overgrowth or o US-PGPUB; USPAT	("5905275"   "6072197").PN. Ut	6828591 Ut	( ((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or diode or la US-PGPUB; USPAT	(("same" adj active) with ((varying or vary or varied or different or differ or differing or lo US-PGPUB; USPAT	5501990.PN. U:	5501990.PN. Ut	( ((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or diode or la US-PGPUB; USPAT	(active with "11-22")	( ((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or diode or la US-PGPUB; USPAT	(active with "11-20")	S510 not S509	((dop\$4) with ((different or multiple or multi) adj (wave\$1length or color)) ) and S508 U	((doping) with ((different or multiple or multi) adj (wave\$1length or color)) ) and S508 U	(("257"/\$3.ccls.) or ("438"/\$3.ccls.)) and S504	((doping) with (different adj (wave\$1length or color)) )	S501 not (bragg or wave\$1guide)	S497 not S496 Ut	(257/89.ccls.) and ( (elo or ((growth or grow or growing or grown) with lateral ) or overgrc US-PGPUB; USPAT	(257/89.ccls.) and ( (elo or ((growth or grow or growing or grown) with lateral ) or overgrc US-PGPUB; USPAT
e or la US-PGPUB; USPAT	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	IIS-DGDIIB: IJSDAT	IS-PGPUB; USPAT	IS-PGPUB; USPAT	US-PGPUB; USPAT	or var US-PGPUB; USPAT	or var US-PGPUB; USPAT	((varyii US-PGPUB; USPAT	JPO; DERWENT	JPO; DERWENT	JPO; DERWENT	JS-PGPUB; USPAT	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT	JS-PGPUB; USPAT	JS-PGPUB; USPAT	USPAT; USOCR	USPAT; USOCR	JS-PGPUB; USPAT	US-PGPUB; USPAT	JS-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	JS-PGPUB; USPAT	JS-PGPUB; USPAT
4/15/05	1000	4/15/05	4/15/05	4/15/05	4/15/05	4/15/05	4/15/05	4/15/05	4/15/05	4/15/05	4/15/05	4/14/05	4/14/05	4/14/05	4/15/05	4/15/05	4/14/05	4/14/05	4/14/05	4/14/05	4/14/05	4/14/05	4/14/05	4/13/05	4/13/05	4/13/05	4/13/05	4/13/05	4/13/05	4/14/05	4/13/05

	BRS 6 BRS 2 BRS 10						
((single or one or same ) adj (chinter or high adj (chinting or chinter)) or chi	\$575 not (\$559 or \$556)  (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or emitting or emitter)	S564 not (S559 or S556)  US-PGPUB; USPAT (((single or one) adj (emitter or (light adj (emitting or emitter)) or emitting)) with ((varyinį US-PGPUB; USPAT ( ((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or laser) clm. US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT ((((single or one or "same") adj (emitter or (light adj (emitter)) or emitter)) or emitting or ac US-PGPUB; USPAT ((((single or one or "same") adj (emitter or (light adj (emitter)) or emitter)) or emitting or ac US-PGPUB; USPAT ((((single or one or "same") adj (emitter or ((((single or one or "same") adj (emitter or (((((	\$559 not \$556 \$563 and ((multi or multiple) near (band\$1gap or (band adj gap) or wave\$1length or \$564 not (\$559 ot \$556) \$564 not (\$559 or \$556) \$566 not (densen.in.) (((single or one) adj (emitter or (light adj (emitting or emitter)) or emitting)) with ((var) (((single or one or "same") adj (emitter or (light adj (emitting or emitter))) or emitting or (((single or one or "same")) adj (emitter or (light adj (emitting or emitter))) or emitting or (((single or one or "same"))) adj (emitter or (light adj (emitting or emitter))) or emitting or emitter))	S554 and (substrate.clm.) S555 and (@ad<"20010719" or @rlad<"20010719") S558 and (substrate.clm.) S558 and (substrate.clm.) S559 not S556 S563 and ((multi or multiple) near (band\$1gap or (band adj gap) or wave\$1ler S564 not (S559 or S556) S566 not (densen.in.) (((single or one) adj (emitter or (light adj (emitting or emitter)) or emitter)) or es575 not (S559 or S556) (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or em (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or em (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or em	S549 and ((multi or multiple) near color) S549 and ((multi or multiple) near2 color) S549 and ((multi or multiple) near2 wave\$1length) S554 and (substrate.clm.) S555 and (substrate.clm.) S558 and (substrate.clm.) S558 and (substrate.clm.) S563 and ((multi or multiple) near (band\$1gap or (band adj gap) or wave\$1length) S564 not (S559 or S556) S564 not (S559 or S556) S566 not (densen.in.) (((single or one) adj (emitter or (light adj (emitting or emitter)) or emitter)	(US-20010038655-\$ or US-20020066403-\$ or US-20020117677-\$ or US-20020127751-; US-PGPUB; USPAT; (US-20010038655-\$ or US-20020066403-\$ or US-20020117677-\$ or US-20020127751-; US-PGPUB; USPAT S547 not okuyama.in.  S549 and ((multi or multiple) near2 color)  S549 and ((multi or multiple) near2 color)  S549 and ((multi or multiple) near2 color)  S549 and ((multi or multiple) near2 wave\$1length)  S554 and (substrate.clm.)  S555 and (@ad<"20010719" or @rlad<"20010719")  US-PGPUB; USPAT (((single or one) adj (emitter or (light adj (emitting or emitter)) or laser).clm. US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitter)) or emitter)) or emitting or ac US-PGPUB; USPAT (((single or one or "same") adj (emitter or (light adj (emitter)) or emitter)) or emitting or ac US-PGPUB; USPAT (((si	(((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) \$533).clm (((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) ).clm.) or (US-20010038655-\$ or US-20020066403-\$ or US-20020117677-\$ or US-2002012777; (US-20010038655-\$ or US-20020066403-\$ or US-20020117677-\$ or US-2002012777; \$547 not okuyama.in. \$549 and ((multi or multiple) near color) \$549 and ((multi or multiple) near2 color) \$5549 and ((multi or multiple) near2 wave\$1length) \$555 and (substrate.clm.) \$555 and (substrate.clm.) \$555 and ((multi or multiple) near (band\$1gap or (band adj gap) or wave\$1length or \$558 and ((multi or multiple) near (band\$1gap or (band adj gap) or wave\$1length or \$559 not \$556 not (S559 or \$556) \$564 not (S559 or \$556) \$565 not (densen.in.) (((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or emitting or (((single or one or "same") adj (emitter or (light adj (emitting or emitter))) or emitting or (((single or one or "same") adj (emitter or (light adj (emitting or emitter))) or emitting or (((single or one or "same") adj (emitter or (light adj (emitting or emitter))) or emitting or (((single or one or "same") adj (emitter or (light adj (emitting or emitter))) or emitting or (((single or one or "same") adj (emitter or (light adj (emitting or emitter))) or emitting or (((single or one or "same") adj (emitter or (light adj (emitting or emitter))) or emitting or (((single or one or "same")) adj (emitter or (light adj (emitting or emitter))) or emitting or (((single or one or "same")) adj (emitter or (light adj (emitting or emitter))) or emitting or (((single or one or "same")) adj (emitter or (light adj (emitting or emitter))) or emitting or (((single or one or "same")) adj (emitter))
		US-PGPUB; USPAT	(wa	US-PGPUB; USPAT	(wa	51-; US-PGPUB; USPAT; 51-; US-PGPUB; USPAT Im. US-PGPUB; USPAT racUS-PGPUB; USPAT racUS-PGPUB; USPAT	((le: US-PGPUB; USPAT ((le: US-PGPUB; USPAT 51-; US-PGPUB; USPAT US-PGPUB; USPAT Im. US-PGPUB; USPAT racUS-PGPUB; USPAT racUS-PGPUB; USPAT
•						; DERWEN 4/15/05 4/15/05 4/15/05 4/15/05 4/15/05 4/15/05 4/15/05 4/15/05 4/15/05 4/15/05 4/15/05 4/15/05 4/15/05 4/16/05	

BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS
<u> </u>	3 -	27	9	25	27	18	ω	9	တ	4	42	5	46
(wurtzite with shape) and (@ad<"20010719" or @rlad<"20010719") and (("257"/\$3.ccls.) US-PGPUB; USPAT		( ((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) ).clm.) or ((le، US-PGPUB; USPAT	S604 and ((diffusion adj length) with (indium or ingan or (indium adj gallium adj nitride)) US-PGPUB; USPAT	S601 not S599 US-PGPUB; USPAT	S600 and (@ad<"20010719" or @rlad<"20010719") and (("257"/\$3.ccls.) or ("438"/\$3.cc US-PGPUB; USPAT	S598 not (S595 or S594) US-PGPUB; USPAT	S595 not S594 US-PGPUB; USPAT	(indium same (migration adj length)) US-PGPUB; USPAT	(indium with (migration adj length)) US-PGPUB; USPAT	S592 and (@ad<"20010719" or @rlad<"20010719") and (("257"/\$3.ccls.) or ("438"/\$3.cc US-PGPUB; USPAT	(((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or acUS-PGPUB; USPAT	S590 and (@ad<"20010719" or @rlad<"20010719") and (("257"/\$3.ccls.) or ("438"/\$3.cc US-PGPUB; USPAT	(((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or acUS-PGPUB; USPAT
4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/17/05	4/16/05	4/16/05	4/16/05